

REMARKS

The claims remaining in the present application are Claims 2-6, 11-15, 19, and 30-108. Claims 2, 11, and 19 have been amended. Claims 1, 7-10, 16-18, 20-29 have been cancelled, without prejudice. Claims 30-108 have been withdrawn from consideration. No new matter has been added as a result of these claim amendments.

ALLOWABLE SUBJECT MATTER

Claims 2-6 are objected to as being dependent on a rejected base claims, but indicated by the Examiner as allowable if re-written in independent form to include all limitations of base and intervening claims. Applicants thank the Examiner for indicating this allowable subject matter.

Claim 2 has been re-written in independent form, including all limitations from Claim 1, its base claim. Applicants respectfully assert that Claim 2 is allowable for this reason. Claims 3-6 are respectfully believed to by allowance by virtue of their dependency from Claim 2.

OBJECTIONS

DRAWINGS

The drawings are objected to under 37 CFR 1.83(a) for failing to show features in Claims 7, 16, 20-21, 23, and 29. Applicants have cancelled Claims

7, 16, 20-21, 23, and 29, without prejudice. Therefore, the objection to the drawings is rendered moot.

CLAIMS

Claims 7, 16, 20-21, 23, and 29 are objected to as having claimed subject matter excluded from the elected Species and Sub-Species. Applicants have cancelled Claims 7, 16, 20-21, 23, and 29, without prejudice. Therefore, this objection to Claims 7, 16, 20-21, 23, and 29 is moot.

CLAIM REJECTIONS

35 U.S.C. §112

Claims 22-29 are rejected under 35 US §112, ¶2. Claims 22-29 have been cancelled, without prejudice. Therefore, 35 US §112, ¶2 to Claims 22-29 is rendered moot.

35 U.S.C. §102

Chen

Claims 1, 7-15, 19, and 22-29 are rejected under 35 U.S.C. 102(b) as being anticipated by Chen et al., "An On-Chip, AttoFarad Interconnect Charge-Based Capacitance Measurement (CMCM)" (hereinafter, Chen). Claims 1, 7-10 and 22-29 have been cancelled, without prejudice. Therefore, the rejection to Claims 1, 7-10 and 22-29 is moot. The rejection is respectfully traversed for the reasons below.

Claims 11-15 and 19 depend from Claim 2, which is respectfully believed to be allowable for reasons above. Therefore, Claims 11-15 and 19 are respectfully believed to be allowable.

McGaughy

Claims 1, 7-15, 19, and 22-29 are rejected under 35 U.S.C. 102(b) as being anticipated by McGaughy et al., "An On-Chip, AttoFarad Interconnect Charge-Based Capacitance Measurement (CMCM)" (hereinafter, McGaughy). Claims 1, 7-10 and 22-29 have been cancelled, without prejudice. Therefore, the rejection to Claims 1, 7-10 and 22-29 is moot. The rejection is respectfully traversed for the reasons below.

Claims 11-15 and 19 depend from Claim 2, which is respectfully believed to be allowable for reasons above. Therefore, Claims 11-15 and 19 are respectfully believed to be allowable.

Fan


Claims 1, 7-15, 19, and 22-29 are rejected under 35 U.S.C. 102(b) as being anticipated by Fan et al., "US Patent No. 6,404,222 (hereinafter, Fan). Claims 1, 7-10 and 22-29 have been cancelled, without prejudice. Therefore, the rejection to Claims 1, 7-10 and 22-29 is moot. The rejection is respectfully traversed for the reasons below.

Claims 11-15 and 19 depend from Claim 2, which is respectfully believed to be allowable for reasons above. Therefore, Claims 11-15 and 19 are respectfully believed to be allowable.

CONCLUSION

In light of the above-listed amendments and remarks, Applicants respectfully request allowance of the present Application. Based on the arguments and amendments presented above, it is respectfully submitted that Claims 2-6, 11-15, 19 are in condition for allowance.

Should the Examiner have a question regarding the instant amendment and remarks, the Applicants invite the Examiner to contact the Applicants' undersigned representative at the below listed telephone number.

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